

# California Energy Commission

## STAFF REPORT

# LOCALIZED HEALTH IMPACTS REPORT

Addendum 1 for a Selected Project Awarded Funding  
Through the Alternative and Renewable Fuel and Vehicle  
Technology Program Under Solicitation PON-12-606 –  
Hydrogen Fuel Infrastructure



CALIFORNIA  
ENERGY COMMISSION

Edmund G. Brown Jr., Governor

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# CALIFORNIA ENERGY COMMISSION

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# ADDENDUM 1

This addendum applies the assessment approach as written in CEC-600-2013-002<sup>1</sup>, posted May 20, 2013. It reports on the potential localized health impacts of a proposed new location for one hydrogen refueling station in the Linde LLC project “Linde Silicon Valley Hydrogen Fueling Stations.”

Table 1 lists both the original and newly proposed address and the environmental justice (EJ) indicator. The location has the age EJ indicator; 20 percent of the population is over 65 years of age. The community impact, that is, EJ indicator, is comparable to the original station location.

**Table 1: Proposed Address Change and EJ Indicator<sup>2</sup>**

<b>Linde LLC Original Location</b>	<b>Linde LLC New Location</b>	<b>EJ Indicator for New Location</b>
21530 Stevens Creek Boulevard, Cupertino, California 95014	2300 Homestead Road, Los Altos, California 94024	Age

Source: Energy Commission staff analysis

The increased use of hydrogen fuel cell vehicles will impact the city of Los Altos positively by leading to cleaner air and reduced greenhouse gases for the community where the station is planned to be located.

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1 Williams, Sarah, 2013. *Localized Health Impacts Report*. California Energy Commission, Fuels and Transportation Division. Publication Number: CEC-600-2013-002.

2 The EJ indicators follow: (i.) minority subset represents more than 30 percent of a given city’s population (2010), (ii.) city’s poverty exceeds California’s poverty level of 15.9 percent (2009-2013), (iii.) city’s unemployment rate exceeds California’s unemployment rate of 7.2 percent as of November 2014, and (iv.) city’s percentage of persons younger than 5 years of age or older than 65 years of age is 20 percent higher than California’s average. Note: For the entire state, the percentage of persons under the age of 5 years is 6.8 percent, and the percentage of persons over the age of 65 years is 11.4 percent.

# APPENDIX A

**Table A-1: Demographic Data Including Environmental Justice (EJ) Indicators (percentage)  
(Compared to the State of California)**

Yellow highlighted area indicates numbers that meet the defined EJ Indicators.

	Persons Below Poverty Level (2009- 2013)	Black Persons (2010)	American Indian and Alaska Native (2010)	Persons of Hispanic or Latino Origin (2010)	Persons Under 5 Years of Age (2010)	Persons Over 65 Years of Age (2010)	Unemployment Rate (November 2014)
California	15.9	6.2	1.0	37.6	6.8	11.4	7.2
California (minorities)		>30.0	>30.0	>30.0			
Los Altos	2.1	0.5	0.2	3.9	5.4	20.0	2.5

Sources: Unemployment information from the State of California, Employee Development Department (EDD) Labor Market Information Division: [http://www.labormarketinfo.edd.ca.gov/CES/Labor\\_Force\\_Unemployment\\_Data\\_for\\_Cities\\_and\\_Census\\_Areas.html](http://www.labormarketinfo.edd.ca.gov/CES/Labor_Force_Unemployment_Data_for_Cities_and_Census_Areas.html)  
and Demographics information from the U.S. Department of Commerce, U.S. Census Bureau:  
<http://quickfacts.census.gov/qfd/states/06/0643280.html>